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POLYUREA POLYURETHANES HAVING
IMPROVED PHYSICAL PROPERTIES

ABSTRACT OF THE DISCLOSURE

A process for preparing oil and petroleum-resistant cellular to solid (polyurea)polyurethanes (PURS) with improved physical properties in which a polyether polyol component having a number average molecular weight of from 1000 to 8000 and a polyester polyol component having a number average molecular weight of from 1000 to 6000 are reacted with a polyisocyanate and the (polyurea) polyurethanes produced by that process. The (polyurea)polyurethanes are particularly useful for personal safety equipment and in the construction of automobiles.

Polyurea Polyurethanes Having
Polyurea polyurethanes with improved physical properties

Abstract

The invention provides a process for preparing oil and petrol-resistant cellular to solid (polyurea)polyurethanes (PURs) with improved physical properties, such as are required, for example, for personal safety equipment and in the construction of automobiles.